

Piceance Energy, LLC  
Piceance 28-06W  
Slot B-3  
Patterson 306 (22-ft KB)

API # : 05-077-09774-00  
SW/4 NW/4 S28/T9S/R93W/6th PM  
Mesa County, CO  
Date of diagram : 9/13/2015



16" OD Conductor 82 -ft MD RKB  
(in 26" hole, grouted to ground level)

8-5/8" Shoe 1571 -ft MD RKB  
11" Hole 1581 -ft MD RKB

| Formation       | Prognosis       |
|-----------------|-----------------|
| 'G' Sand        | 2813 -ft MD RKB |
| Williams Fork   | 4668 -ft MD RKB |
| Top of Gas      | 5870 -ft MD RKB |
| Cameo           | 6097 -ft MD RKB |
| Base Cameo Coal | 7628 -ft MD RKB |
| Rollins         | 7670 -ft MD RKB |

Top of 20'  
Marker Joint 6174 -ft MD RKB

Top of 20'  
Marker Joint 7029 -ft MD RKB

4-1/2" Float Collar (PBTB)  
4-1/2" Float Shoe 7818 -ft MD RKB  
7-7/8" Hole TD 7898 -ft MD RKB  
7908 -ft MD RKB

Cementing details

| 8-5/8" 24# J55 STC Surface Csg | Lead    | Tail |
|--------------------------------|---------|------|
| Density (ppg)                  | 12.3    | 12.8 |
| Volume (sx)                    | 192     | 114  |
| Yield (cf/sx)                  | 2.45    | 2.17 |
| Top (ft RKB)                   | Surface | 1000 |
| Bottom (ft RKB)                | 1000    | 1571 |
| Returns (full or partial)      | Full    | Full |

| 4-1/2" 11.6# 180 LTC Production Csg | Lead | Tail |
|-------------------------------------|------|------|
| Density (ppg)                       | 12.8 | 13.3 |
| Volume (sx)                         | 900  | 413  |
| Yield (cf/sx)                       | 1.75 | 1.89 |
| Est Top (ft RKB)                    | 1022 | 5670 |
| Est Bottom (ft RKB)                 | 5670 | 7898 |
| Returns (full or partial)           | Full | Full |

| Displacement |
|--------------|
| 8.3 ppg      |
| 121 bbls     |
| N/A          |
| N/A          |
| N/A          |
| Full         |

Other Remarks : Surface = 20 bbls of cmt to surface full returns      Production = 40 bbls spacer to surface